



ATTY. DKT. 13833.0011

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Henri SAMAIN et al
Patent Appln. No.: 10/088,994
Filed: June 27, 2002
Title: COSMETIC COMPOSITIONS BASED ON PARTIALLY
NEUTRALIZED ORGANOSILICON COMPOUNDS
Group/A.U.: 1615
Examiner: J. Venkat
Confirmation No.: 8997

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

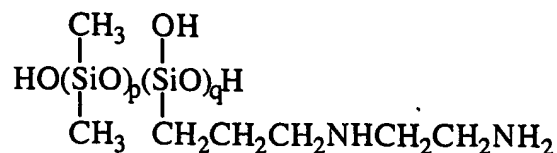
Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicants, through the undersigned attorney, submit this Information Disclosure Statement.

The references listed on attached Form PTO-1449 are submitted herewith.

CH 535579 describes cosmetic compositions comprising an organosilicon compound having a tertiary amino group quaternized with an alkyl compound of formula $C_nH_{2n+1}-X$ wherein X is a halogen, sulfate or phosphate group.

JP 63-307811 describes shampoos comprising amphoteric and anionic surfactants, and an aqueous emulsion of amino-organopolysiloxane. The emulsion is prepared by emulsifying a cyclic diorganopolysiloxane and amino organotrialkoxysilane, with a cationic surfactant, in water; emulsion polymerizing with an alkaline metal hydroxide catalyst; and neutralizing the resulting polymer with an acid. The obtained polymer has, for example, the following formula:

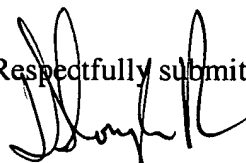


wherein p and q are numbers such as the molecular weight of the polymer is from 3,000 and 50,000. This polymer therefore has more than three silicon atoms and is in the form of a water-emulsion. The example contained in the abstract describes the water emulsion polymerization of γ -(β -aminoethyl)aminopropyltriethoxysilane with octamethylcyclotetra-siloxane in the presence of cetyltrimethylammonium chloride. This polymerization leads to a polymer of the above formula. The emulsion obtained (which contains the polymer) is then mixed with other components: (lauroylamidopropyl)dimethylaminoacetic acid betaine, triethanolamine laurylsulfate, perfume, antiseptic, colorant and water.

FR 2 746 008 defines the general state of the art which is not considered to be of particular relevance.

Pursuant to 37 CFR 1.97(c)(2), this IDS is being filed before the mailing of a final action or notice of allowance and is accompanied by a check in the amount of \$180. Should this fee be in error, the Commissioner is hereby authorized to debit or credit Deposit Account 19-4293.

Respectfully submitted,



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FORM 1449 (S&J Version)

Docket No.: 13833.0011

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Filing Date: June 27, 2002

Examiner J. Venkat

Group Art Unit: 1615

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT****U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document No.	Date MM/YYYY	Inventor	Class	Subclass	Filing Date If Appropriate
	6,172,250	1/9/2001	Seguin et al	556	407	
	3,914,416	10/21/75	Gueyne et al	424	184	

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Document No.	Date MM/YYYY	Country	Class	Subclass	Translation	
						Yes	No
	0 655 453	5/31/95	Europe				
	0 279 623	8/24/88	Europe				
	0 877 027	11/11/98	Europe				
	535 579	4/15/73	Switzerland				x
	79/00454	7/26/79	WIPO				
	89/04163	5/18/89	WIPO				
	63-307811	12/15/88	Japan			Abstract	
	0 464 835	1/8/92	Europe				
	0 242 855	10/28/87	Europe				
	2 746 008	9/19/97	France				x

OTHER DOCUMENTS

Examiner's Initials*	Include author, title of article, title of item (book, journal, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner's
Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.